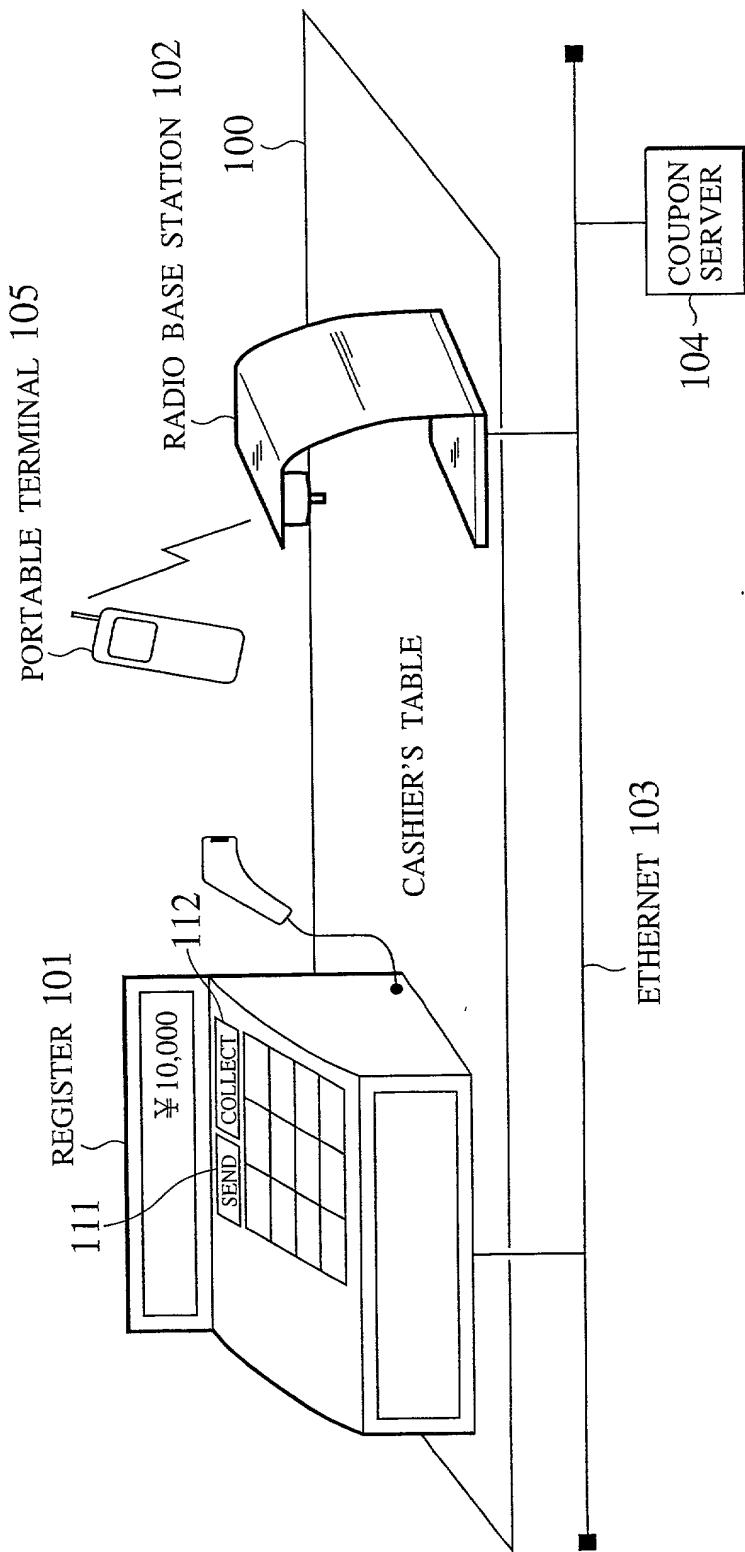


FIG.1



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FIG.2

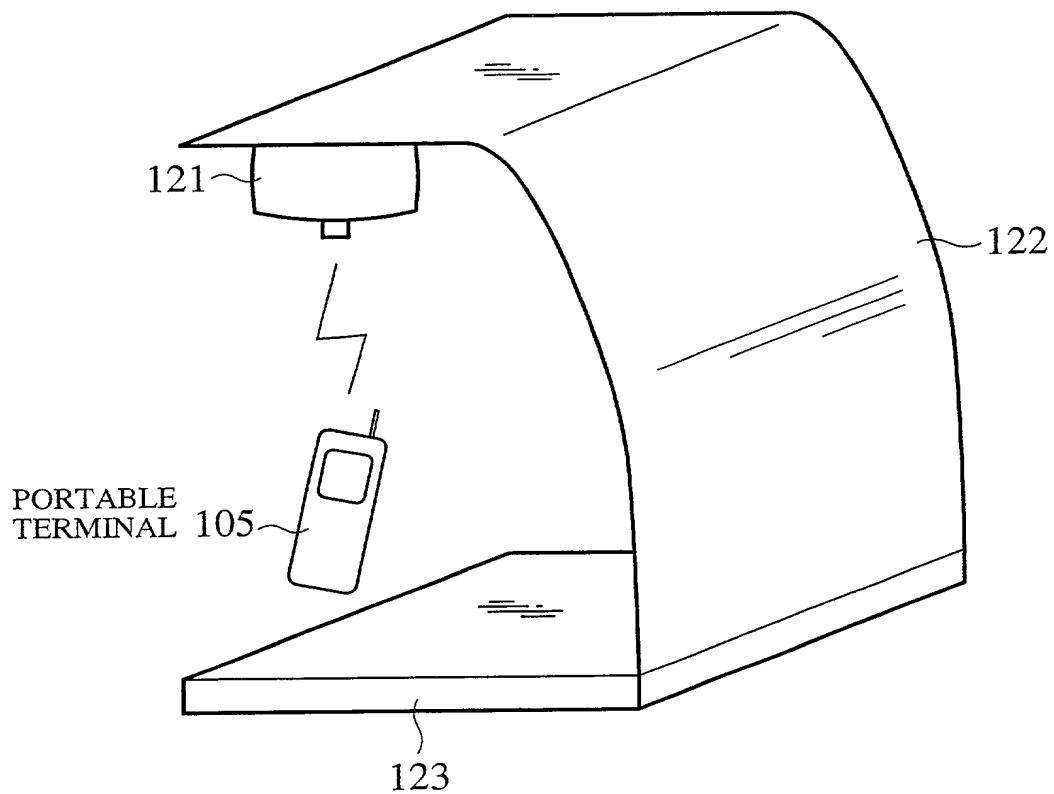


FIG.3

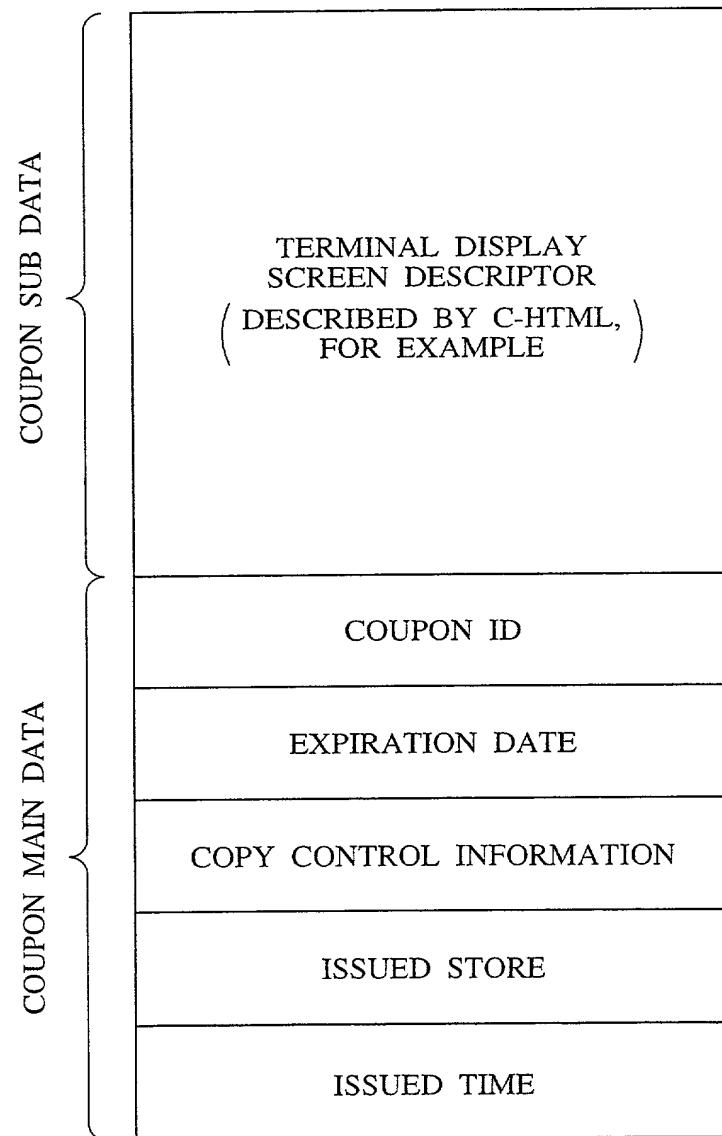


FIG.4

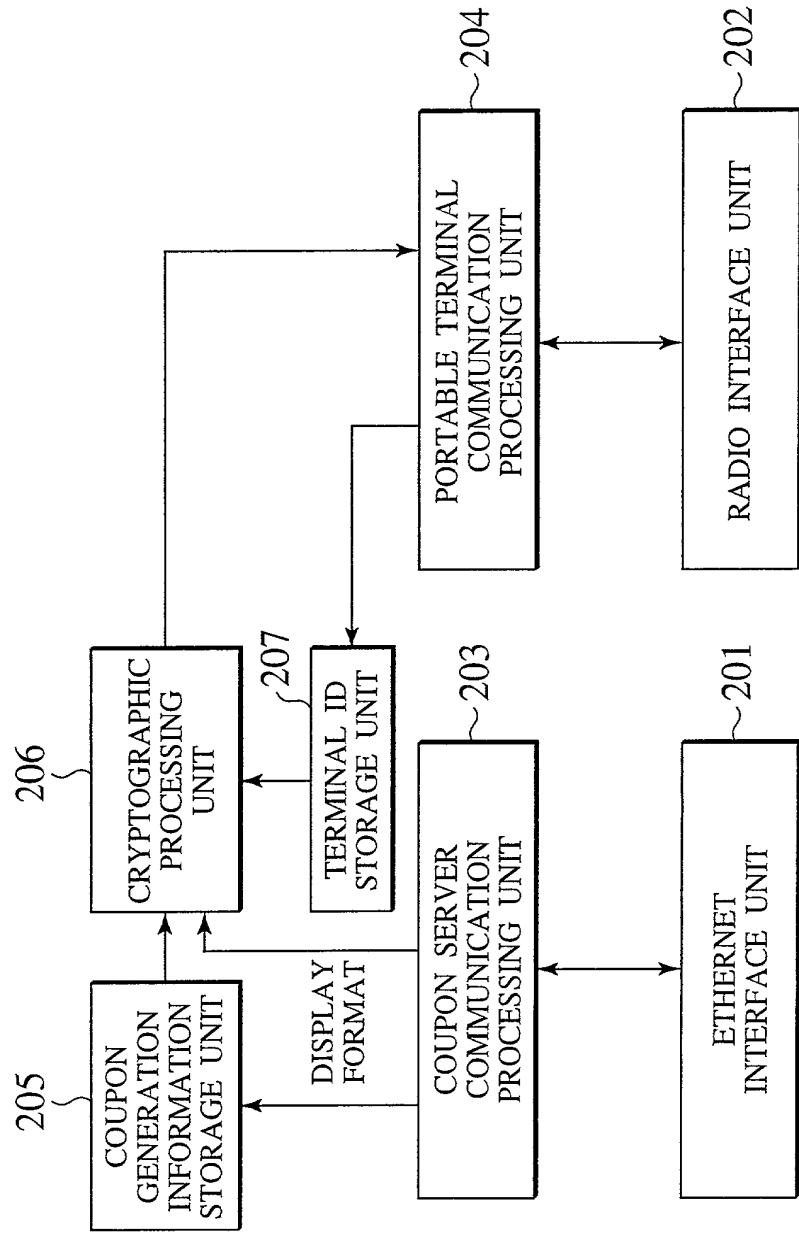


FIG.5

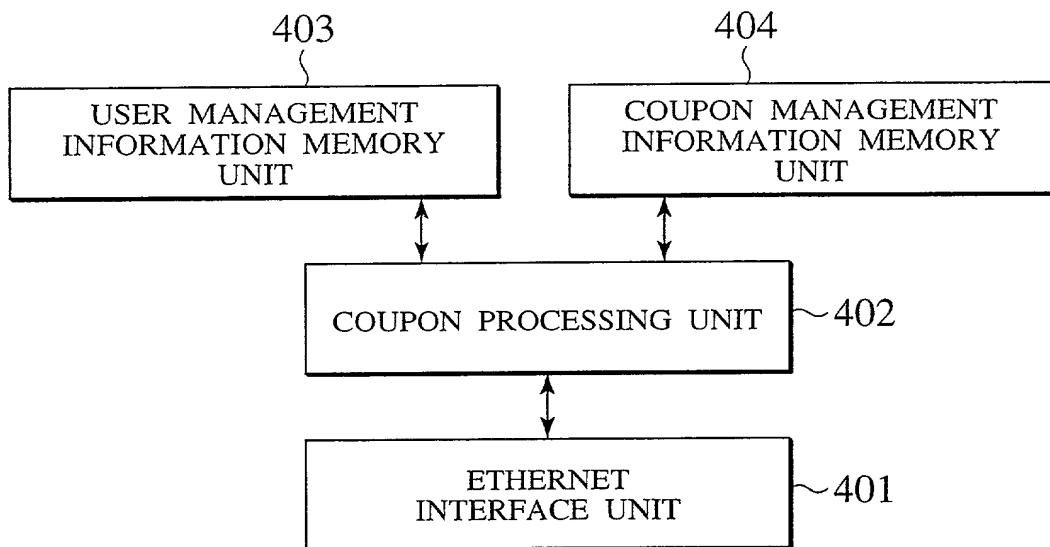


FIG.6

USER ID	USER ATTRIBUTE INFORMATION	TERMINAL ID	SERVICE INFORMATION
⋮	⋮	⋮	⋮

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FIG.7

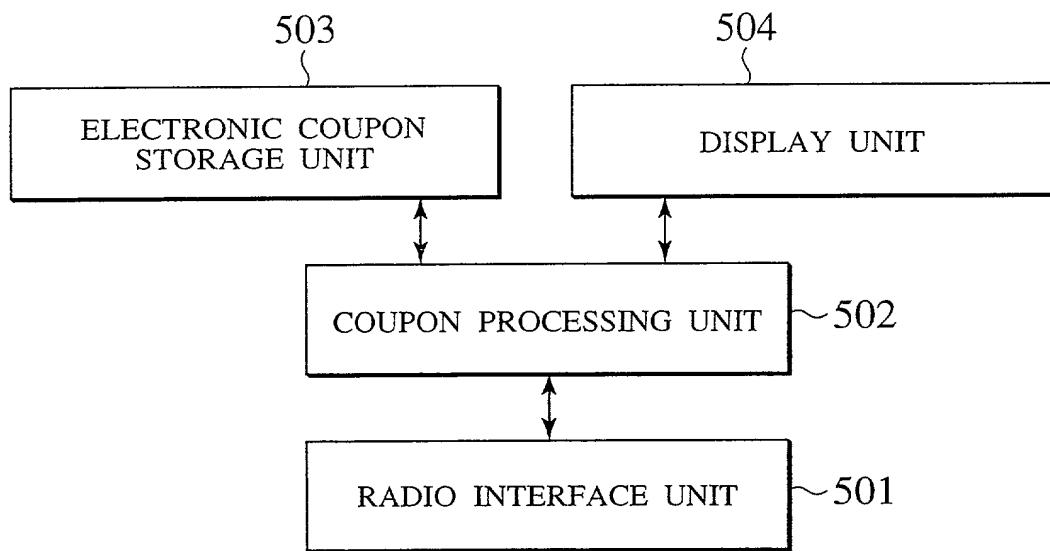


FIG.8

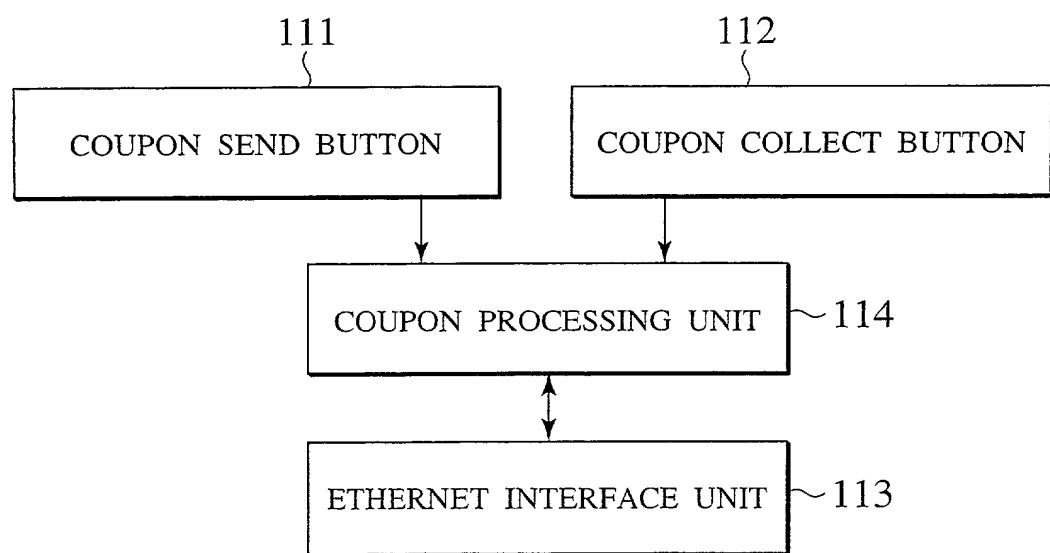


FIG.9

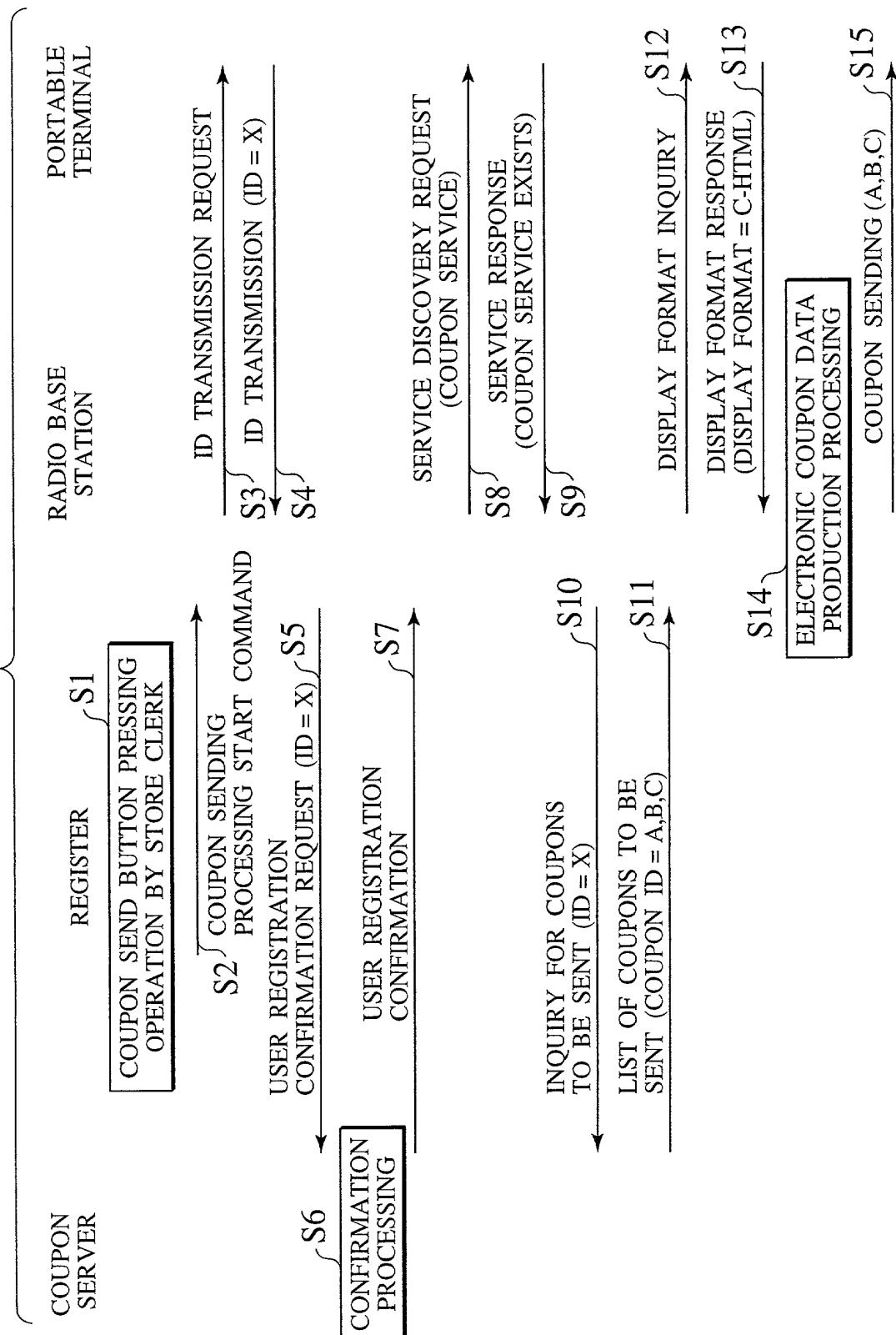


FIG.10A

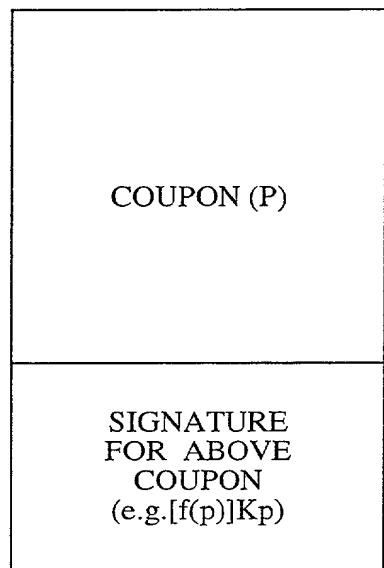
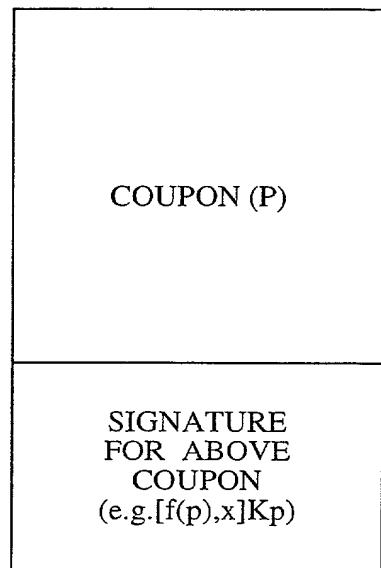


FIG.10B



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FIG.11

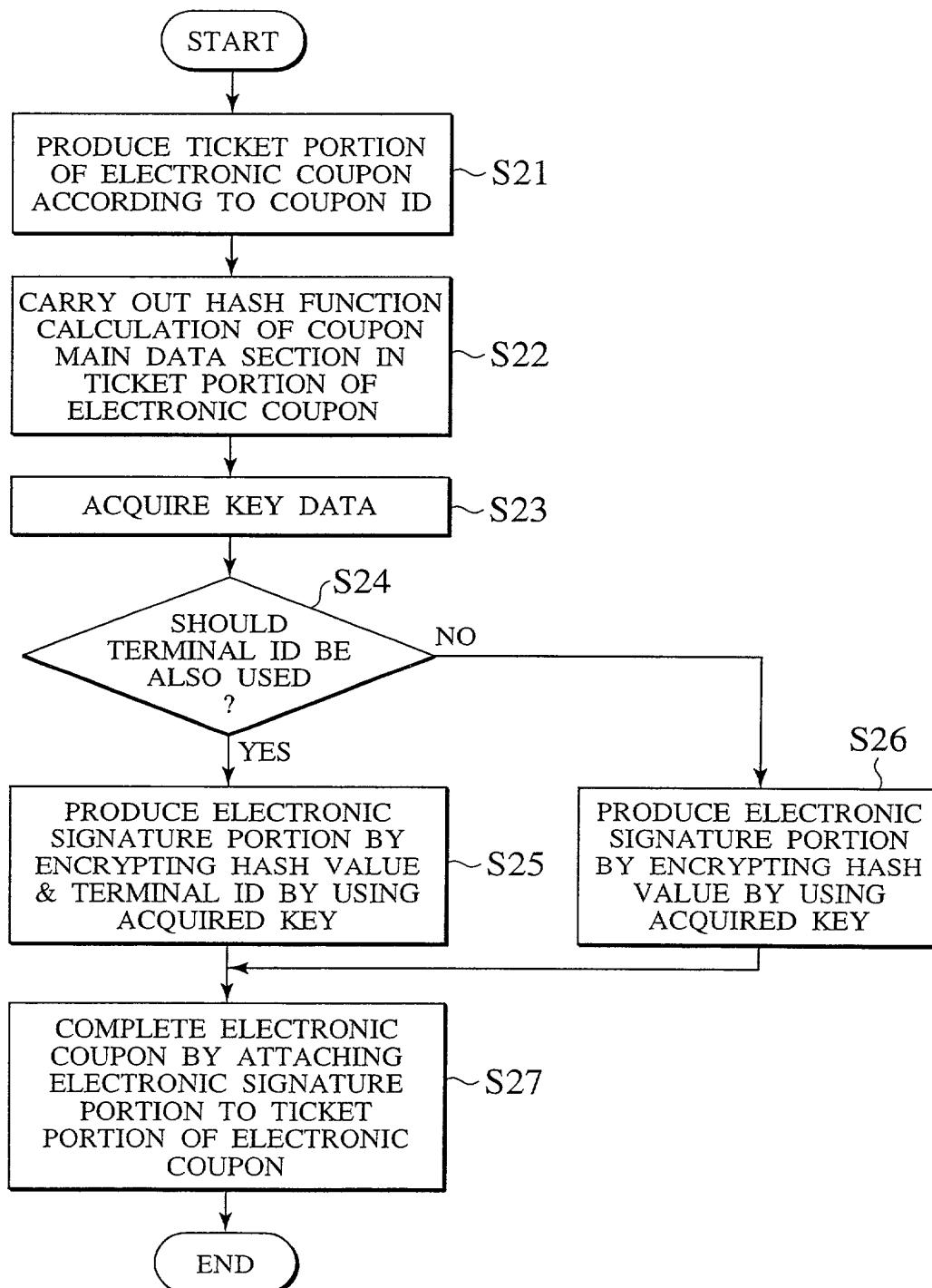


FIG.12

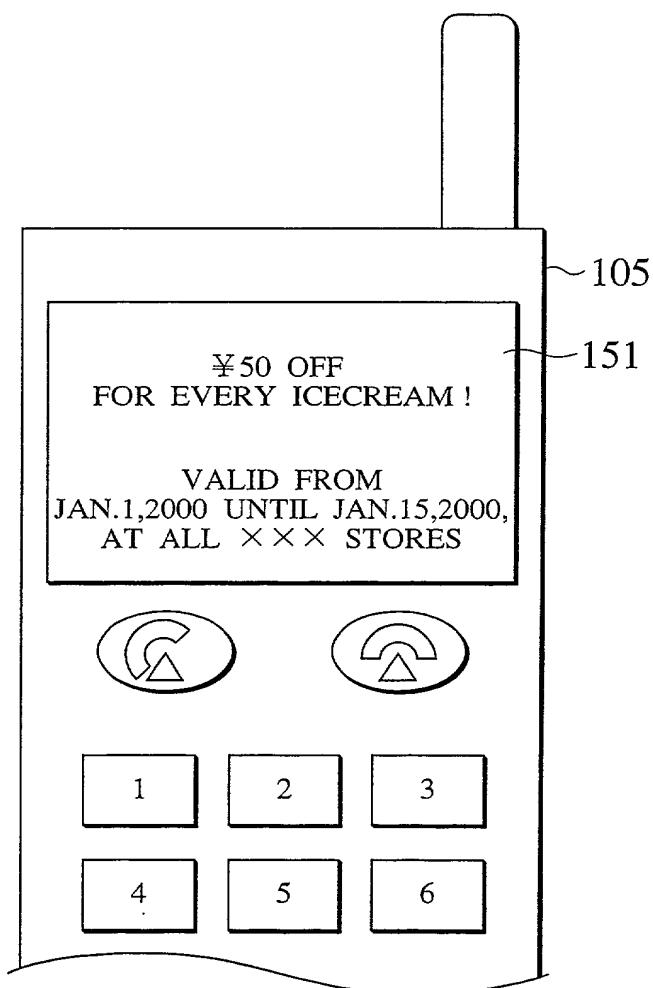
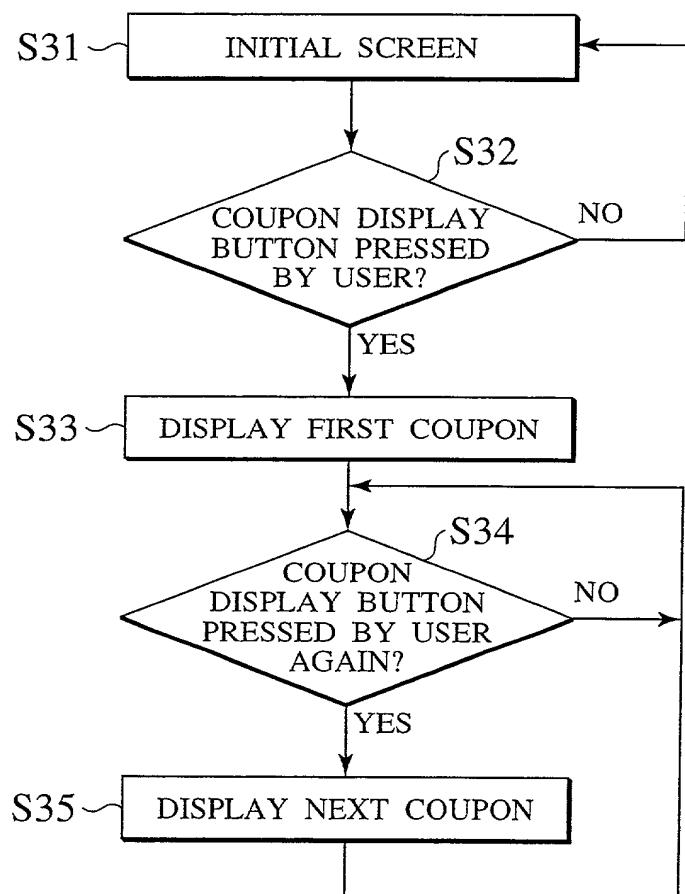


FIG.13



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FIG.14

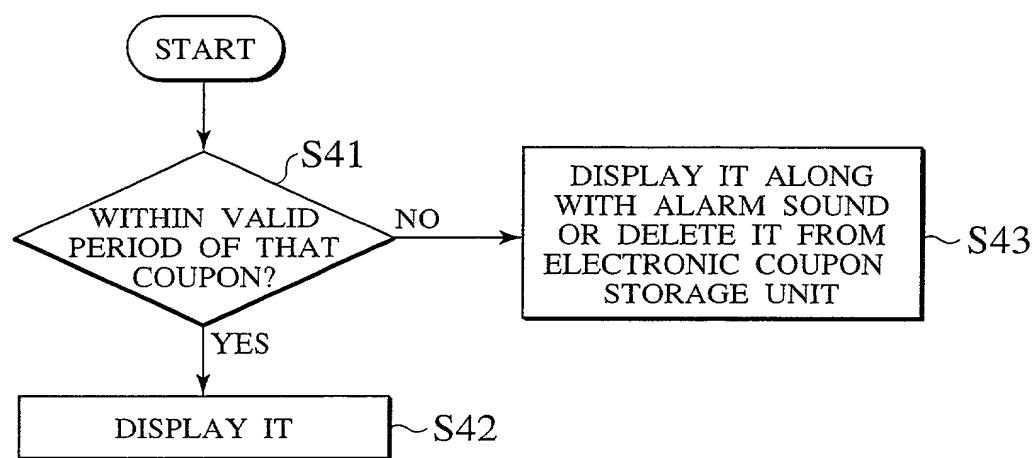


FIG. 15

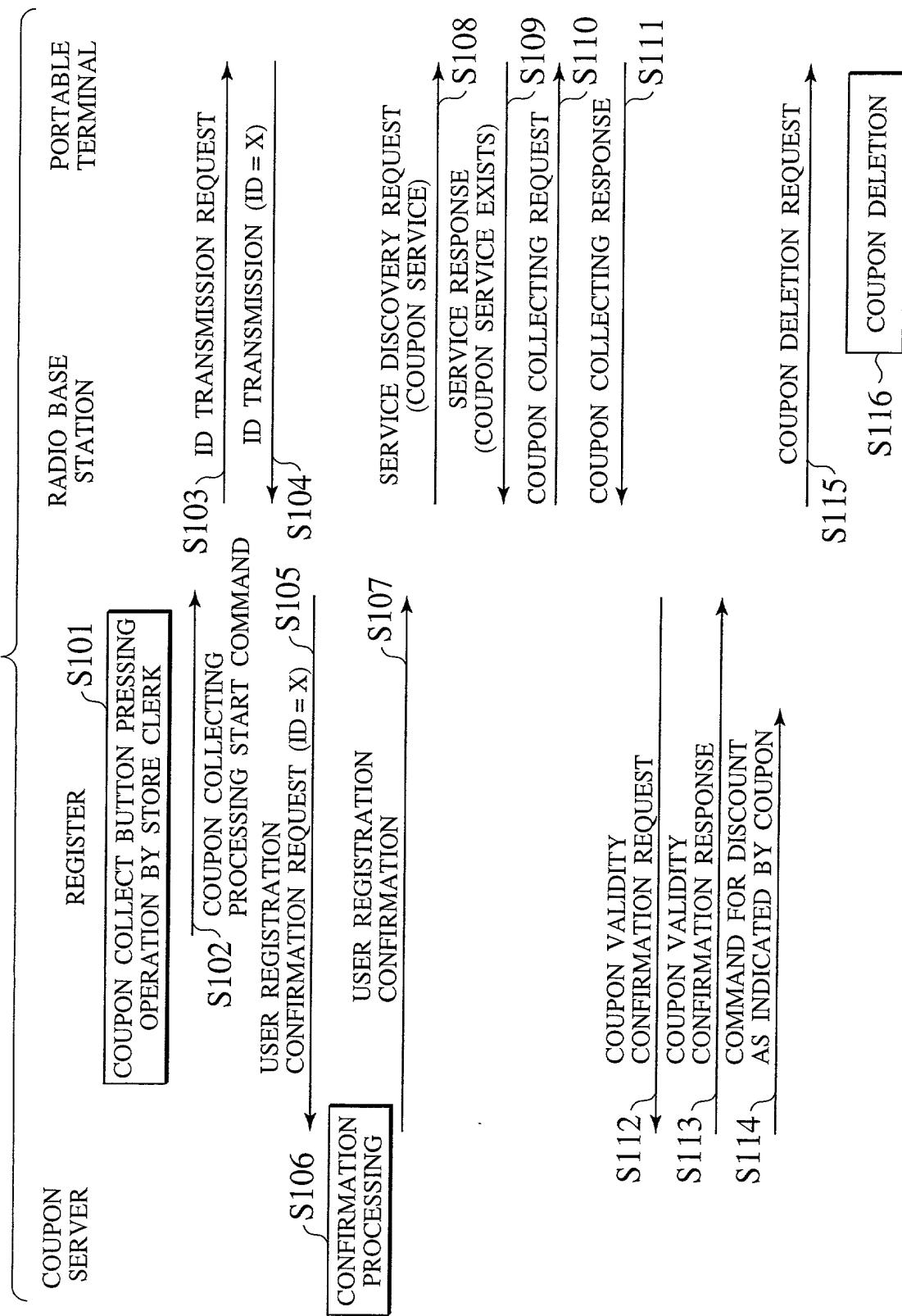


FIG. 16

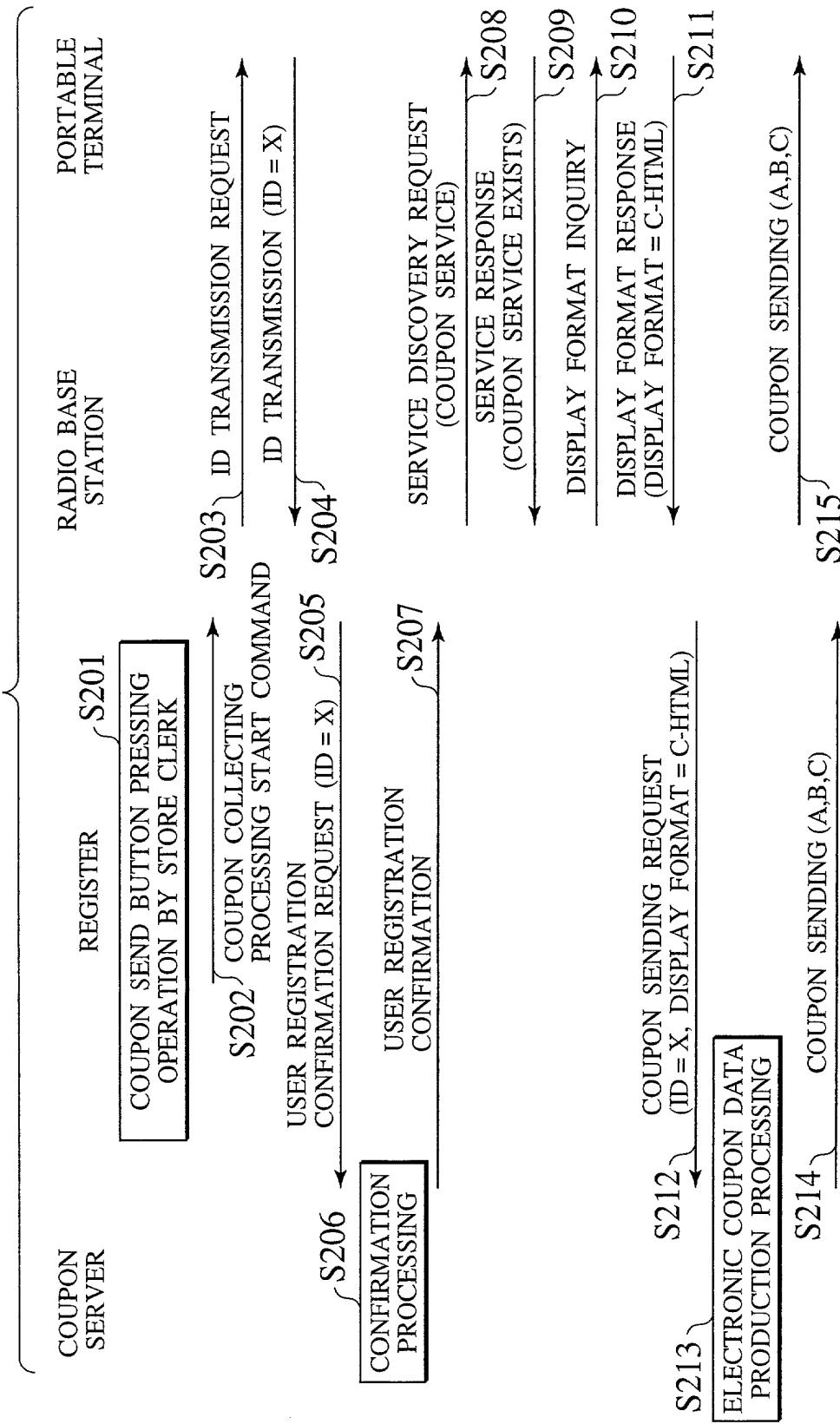


FIG. 17

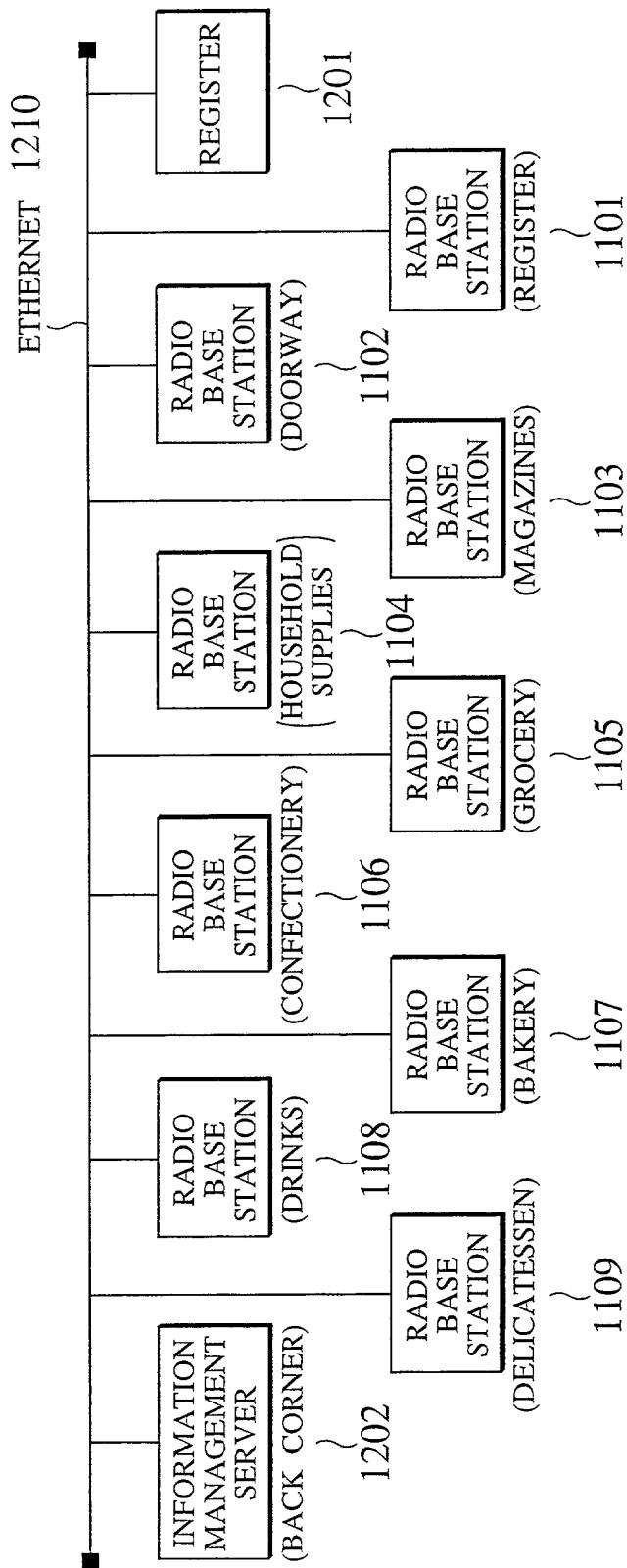


FIG. 18

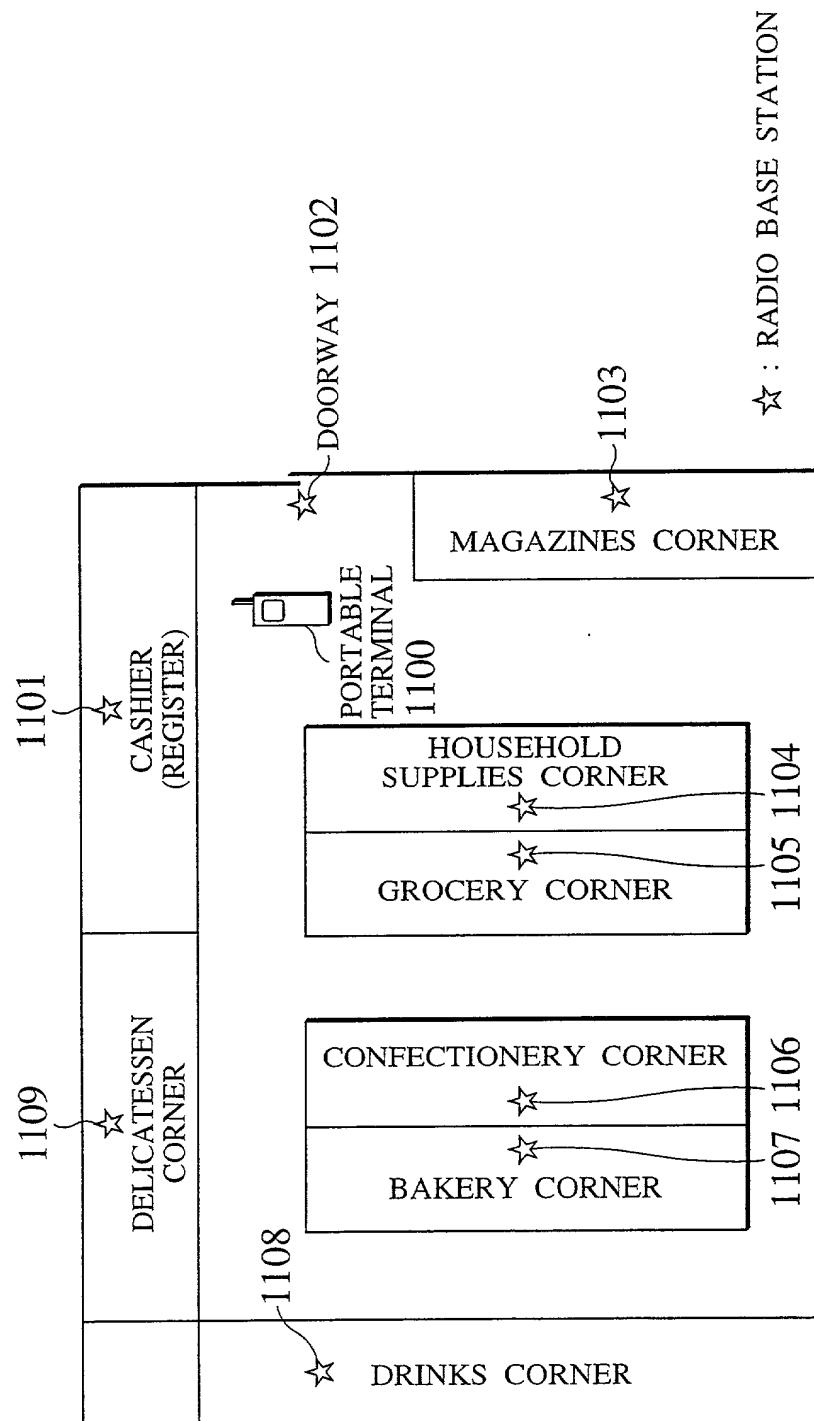
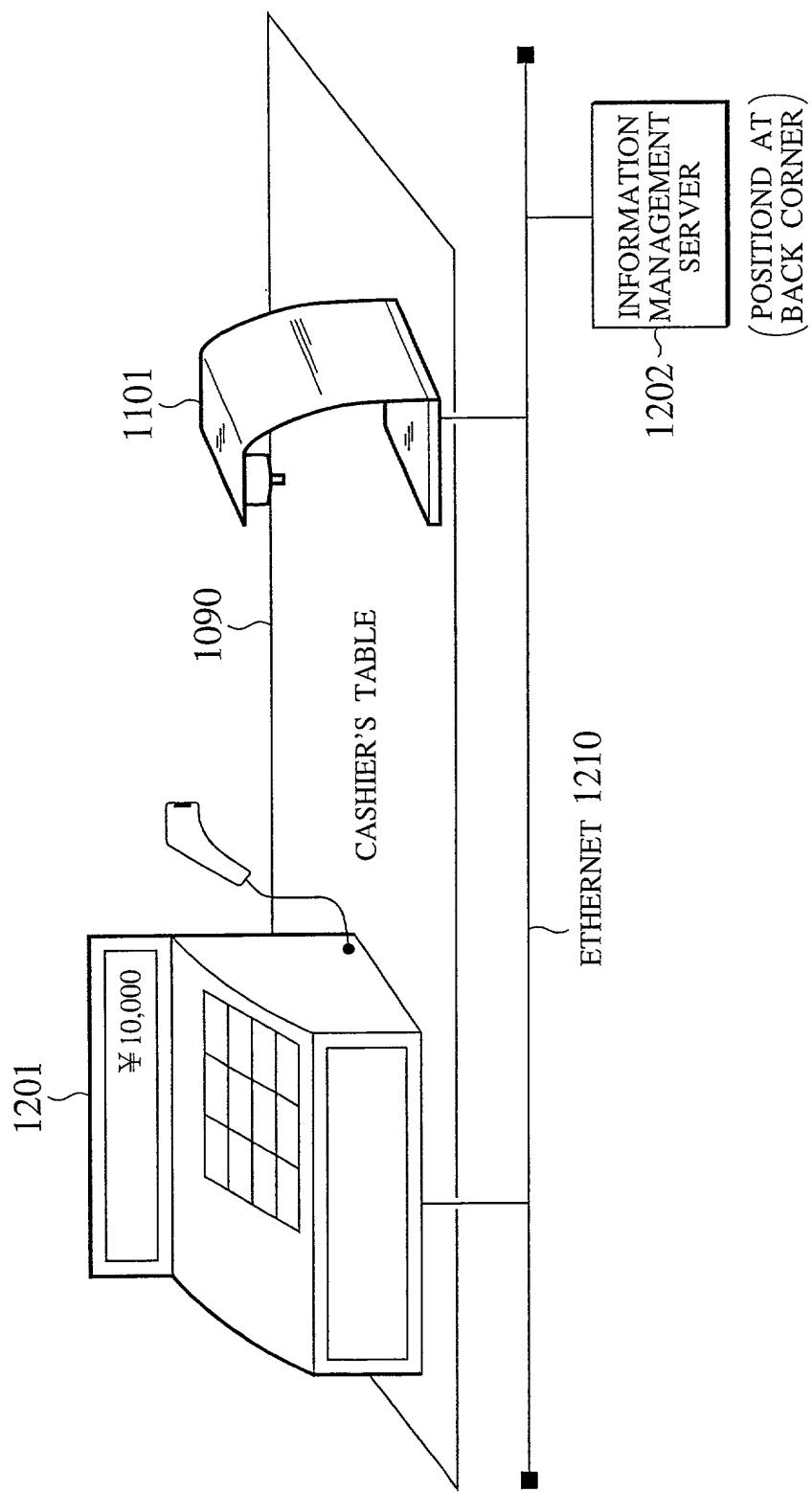


FIG.19



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FIG.20

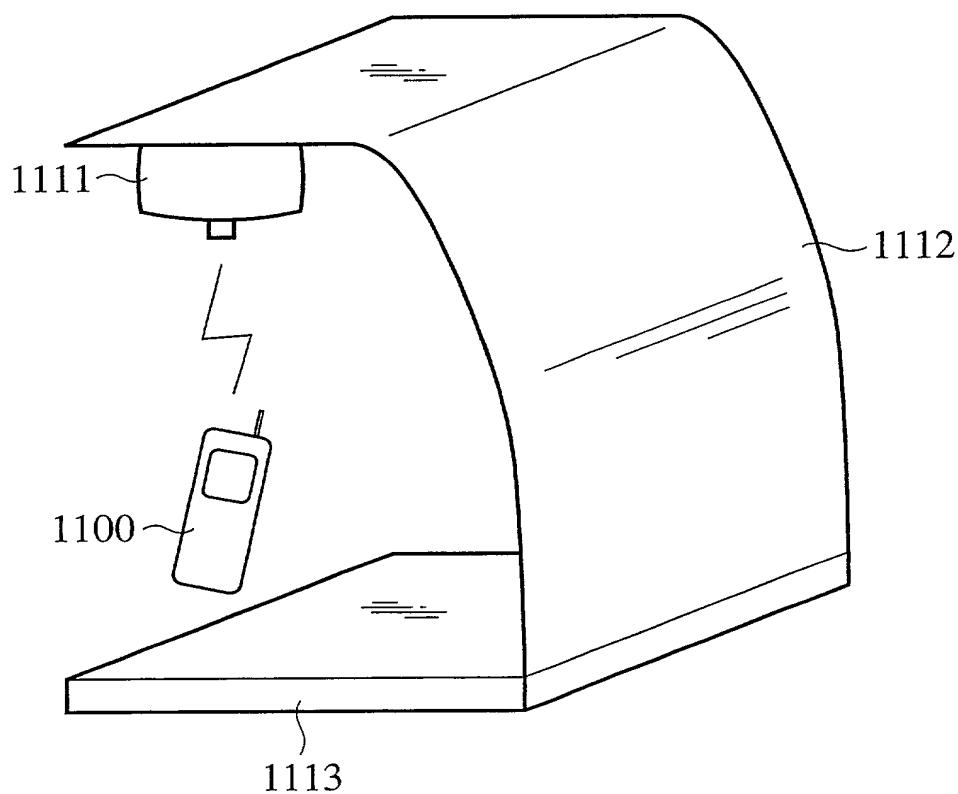
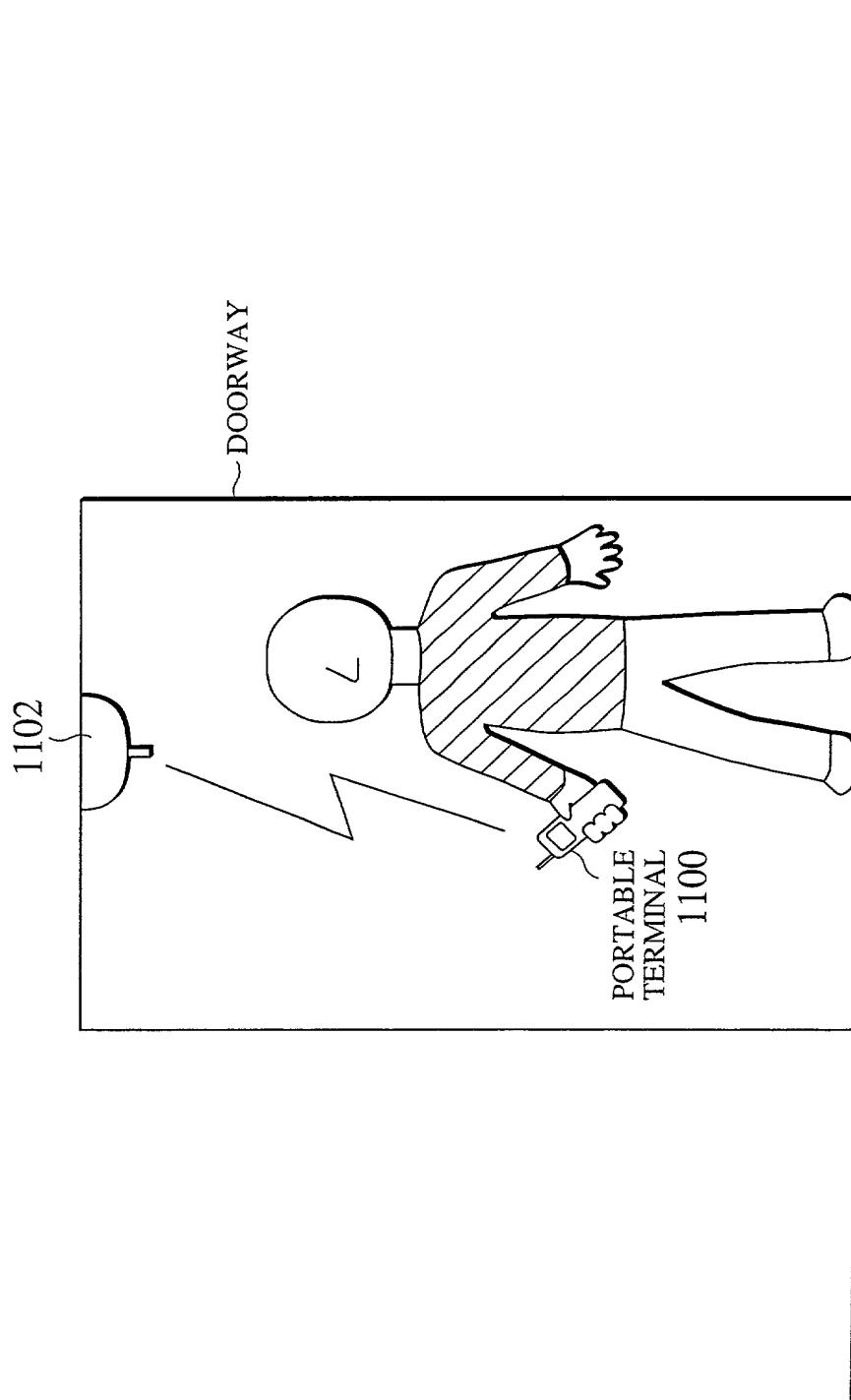


FIG.21



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FIG.22

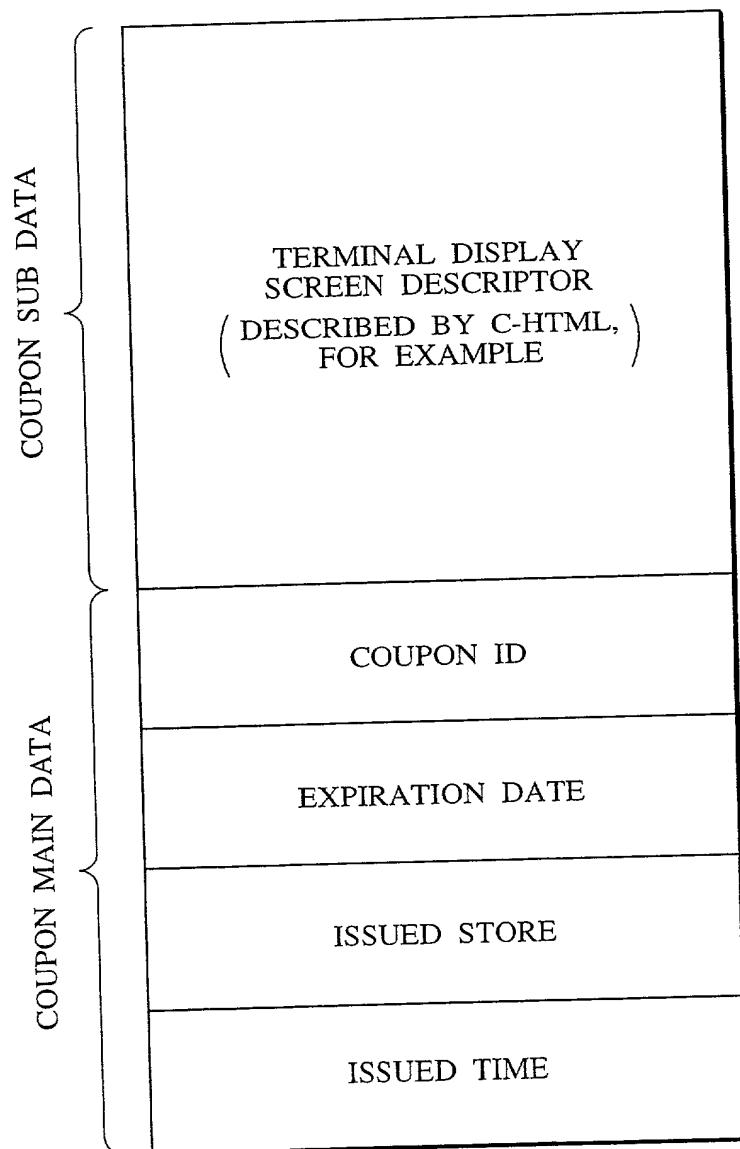


FIG. 23

TERMINAL ID	USER ATTRIBUTE INFORMATION (NAME, ADDRESS, AGE, SEX, ETC.)	TIME	PLACE	IDS OF SENT/COLLECTED COUPONS	PURCHASED ITEM
X	GEORGE BUSH 2001 42ND ST., MANHATTAN 30, MALE	T ₁	DOORWAY	A(SENT)	
		T ₂	DRINKS		
		T _{2+α}	DRINKS		
		T _{2+2α}	DRINKS		
		T ₃	REGISTER	B(COLLECTED)	XX CORP. OOLONG TEA

FIG. 24

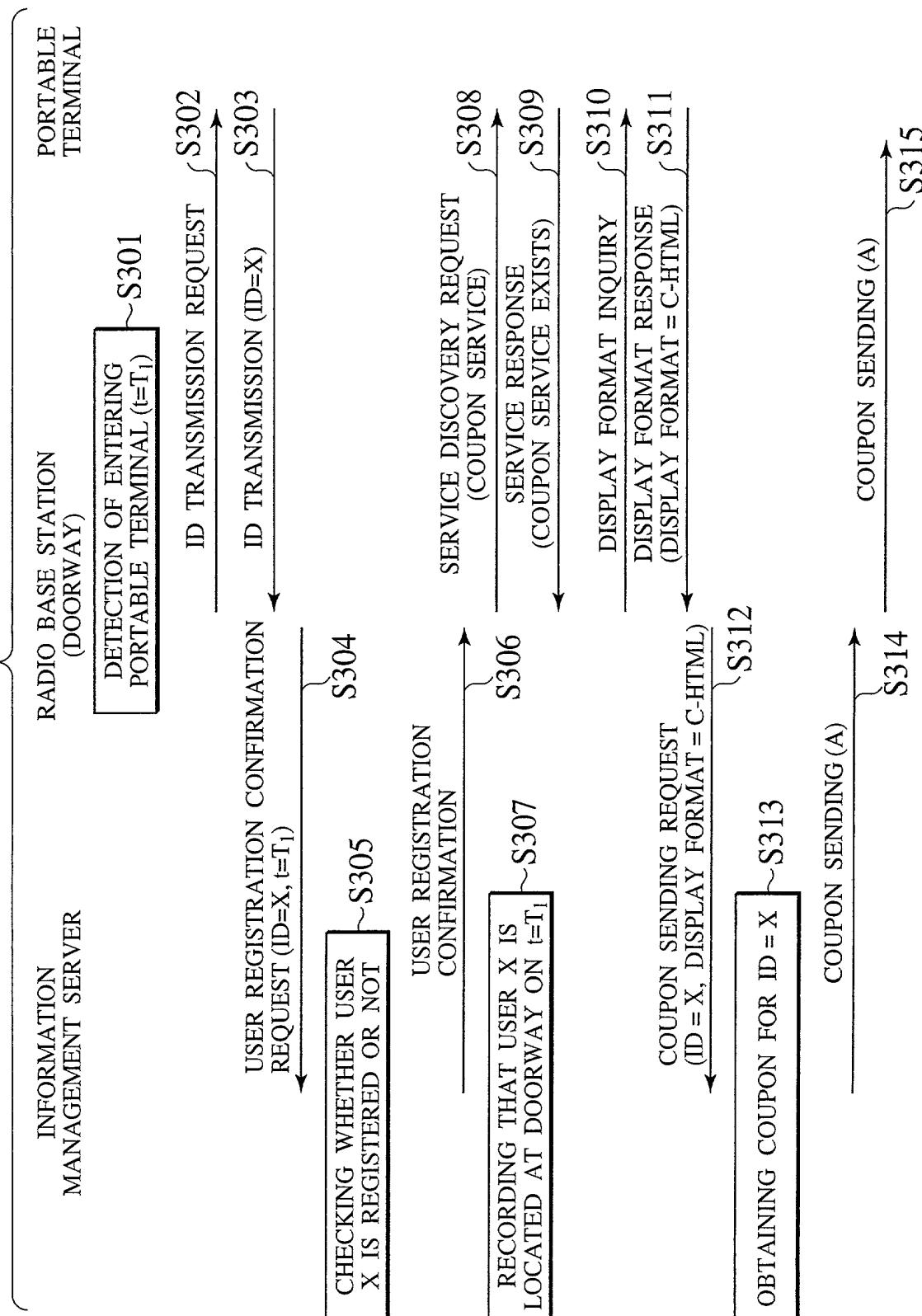


FIG.25

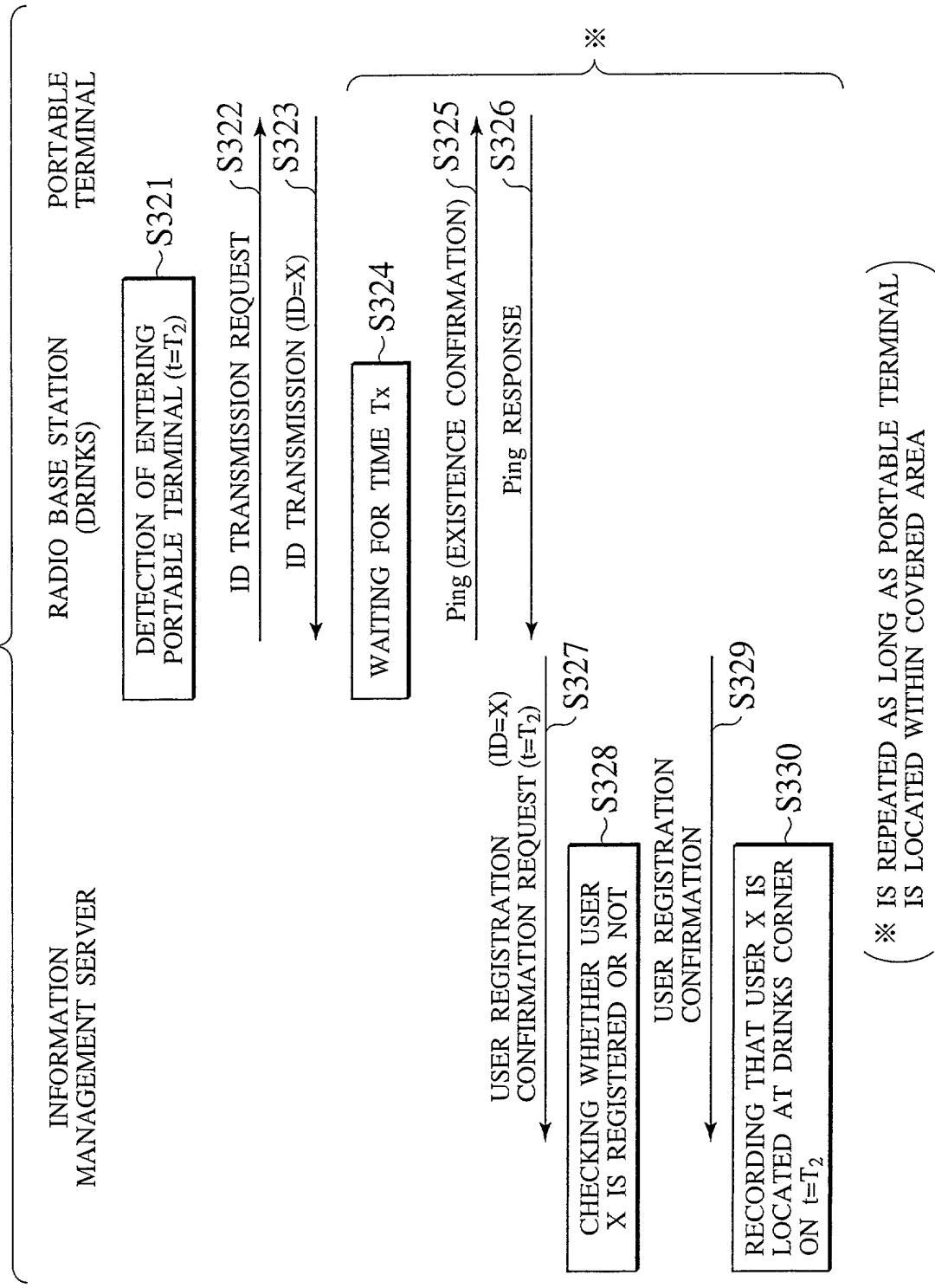


FIG.26

